

(1) GENERAL INFORMATION:

(i) APPLICANT: Gately, Maurice K.
Presky, David H.

(ii) TITLE OF INVENTION: ANTIBODIES AGAINST HUMAN IL-12

(iii) NUMBER OF SEQUENCES: 4

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Hoffmann-La Roche Inc.

(B) STREET: 340 Kingsland Street

(C) CITY: Nutley

(D) STATE: New Jersey

(E) COUNTRY: United States

(F) ZIP: 07110-1199

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk

(B) COMPUTER: IBM PC compatible

(C) OPERATING SYSTEM: PC-DOS/MS-DOS

(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US/09/652,282

(B) FILING DATE: 30-Aug-2000

(C) CLASSIFICATION: <Unknown>

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 09/232,522

(B) FILING DATE: <Unknown>

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Buchholz, Briana C.

(B) REGISTRATION NUMBER: 39,123

(C) REFERENCE/DOCKET NUMBER: CD 1048P

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 973-235-6208

(B) TELEFAX: 973-235-2363

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 321 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: double

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(vi) ORIGINAL SOURCE:

(A) ORGANISM: mouse

(G) CELL TYPE: Hybridoma

(H) CELL LINE: HIL-12F3-16G2

(ix) FEATURE:

(A) NAME/KEY: CDS

(B) LOCATION: 1..321

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

CTG	GAG	GAG	TCA	GGA	CCT	AGC	CTC	GTG	AAA	CCT	TCT	CAG	ACT	CTG	TCC	48
Leu	Glu	Glu	Ser	Gly	Pro	Ser	Leu	Val	Lys	Pro	Ser	Gln	Thr	Leu	Ser	
1				5				10						15		
CTC	ACC	TGT	TCT	GTC	ACT	GGC	GAC	TCC	ATC	ACC	AGT	GGT	TAC	TGG	AAC	96
Leu	Thr	Cys	Ser	Val	Thr	Gly	Asp	Ser	Ile	Thr	Ser	Gly	Tyr	Trp	Asn	
			20				25					30				
TGG	ATC	CGG	AAA	TTC	CCA	GGG	AAT	AAA	TTT	GAG	TAC	ATG	GGA	TTC	ATA	144
Trp	Ile	Arg	Lys	Phe	Pro	Gly	Asn	Lys	Phe	Glu	Tyr	Met	Gly	Phe	Ile	
		35				40					45					
AGT	TAT	AGT	GGT	AGC	ACT	TAC	AAT	AAT	CCA	TCT	CTC	AAA	AAT	CGA	GTC	192
Ser	Tyr	Ser	Gly	Ser	Thr	Tyr	Asn	Asn	Pro	Ser	Leu	Lys	Asn	Arg	Val	
	50				55				60							
TCC	ATC	ACT	CGA	GAC	ACA	TCC	AAT	AAC	CAG	TAC	TAC	CTG	CAG	TTG	AGT	240
Ser	Ile	Thr	Arg	Asp	Thr	Ser	Asn	Asn	Gln	Tyr	Tyr	Leu	Gln	Leu	Ser	
65				70				75						80		

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TCT	GTG	ACT	ACT	GAG	GAC	TCA	GCC	ACA	TAT	TAC	TGT	GCA	AGA	TCT	TCG	288
Ser	Val	Thr	Thr	Glu	Asp	Ser	Ala	Thr	Tyr	Tyr	Cys	Ala	Arg	Ser	Ser	
				85					90					95		
GAT	GCT	TTG	GAC	TAC	TGG	GGC	GCA	GGG	ACC	ACG						321
Asp	Ala	Leu	Asp	Tyr	Trp	Gly	Ala	Gly	Thr	Thr						
			100					105								

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 107 amino acids
- (B) TYPE: amino acid
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Leu	Glu	Glu	Ser	Gly	Pro	Ser	Leu	Val	Lys	Pro	Ser	Gln	Thr	Leu	Ser	
1				5					10					15		
Leu	Thr	Cys	Ser	Val	Thr	Gly	Asp	Ser	Ile	Thr	Ser	Gly	Tyr	Trp	Asn	
			20					25					30			
Trp	Ile	Arg	Lys	Phe	Pro	Gly	Asn	Lys	Phe	Glu	Tyr	Met	Gly	Phe	Ile	
		35					40					45				
Ser	Tyr	Ser	Gly	Ser	Thr	Tyr	Asn	Asn	Pro	Ser	Leu	Lys	Asn	Arg	Val	
	50					55					60					
Ser	Ile	Thr	Arg	Asp	Thr	Ser	Asn	Asn	Gln	Tyr	Tyr	Leu	Gln	Leu	Ser	
65				70					75					80		
Ser	Val	Thr	Thr	Glu	Asp	Ser	Ala	Thr	Tyr	Tyr	Cys	Ala	Arg	Ser	Ser	
			85						90					95		
Asp	Ala	Leu	Asp	Tyr	Trp	Gly	Ala	Gly	Thr	Thr						
			100					105								

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 308 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: double
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

(vi) ORIGINAL SOURCE:

- (A) ORGANISM: mouse
- (G) CELL TYPE: Hybridoma
- (H) CELL LINE: HIL-12F3-20E11

(ix) FEATURE:

- (A) NAME/KEY: CDS
- (B) LOCATION: 1..306

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

GAG	GAG	TCA	GGA	CCT	AGC	CTC	GTG	AAA	CCT	TCT	CAG	ACT	CTG	TCC	CTC	48
Glu	Glu	Ser	Gly	Pro	Ser	Leu	Val	Lys	Pro	Ser	Gln	Thr	Leu	Ser	Leu	
1				5				10						15		
ACC	TGT	TCT	GTC	ACT	GGC	GAC	TCC	ATC	ACC	AGT	GGT	TAC	TGG	AAC	TGG	96
Thr	Cys	Ser	Val	Thr	Gly	Asp	Ser	Ile	Thr	Ser	Gly	Tyr	Trp	Asn	Trp	
			20				25						30			
ATC	CGG	AAA	TTC	CCA	GAT	AAT	ACA	CTT	GAG	TAC	ATG	GGA	TAC	ATA	AGT	144
Ile	Arg	Lys	Phe	Pro	Asp	Asn	Thr	Leu	Glu	Tyr	Met	Gly	Tyr	Ile	Ser	
		35				40					45					
TAC	AGT	GGT	AGT	ACT	TAC	TAC	AAT	CCA	TCT	CTC	AGA	AGT	CGA	ATC	TCC	192
Tyr	Ser	Gly	Ser	Thr	Tyr	Tyr	Asn	Pro	Ser	Leu	Arg	Ser	Arg	Ile	Ser	
	50					55					60					
ATC	ACT	CGA	GAC	ACA	TCC	AAG	AAC	CAG	TAC	TCC	ATG	CAG	TTG	AAT	TCT	240
Ile	Thr	Arg	Asp	Thr	Ser	Lys	Asn	Gln	Tyr	Ser	Met	Gln	Leu	Asn	Ser	
65				70				75						80		
GTG	ACT	ACT	GAG	GAC	ACA	GCC	ACA	TAT	TAC	TGT	GCA	AGA	TCC	TCG	GAT	288
Val	Thr	Thr	Glu	Asp	Thr	Ala	Thr	Tyr	Tyr	Cys	Ala	Arg	Ser	Ser	Asp	

85
GCT ATG GAC TAC TGG GGC GC
Ala Met Asp Tyr Trp Gly
100

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 102 amino acids

(B) TYPE: amino acid

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

Glu	Glu	Ser	Gly	Pro	Ser	Leu	Val	Lys	Pro	Ser	Gln	Thr	Leu	Ser	Leu
1				5				10					15		
Thr	Cys	Ser	Val	Thr	Gly	Asp	Ser	Ile	Thr	Ser	Gly	Tyr	Trp	Asn	Trp
			20					25					30		
Ile	Arg	Lys	Phe	Pro	Asp	Asn	Thr	Leu	Glu	Tyr	Met	Gly	Tyr	Ile	Ser
		35					40					45			
Tyr	Ser	Gly	Ser	Thr	Tyr	Tyr	Asn	Pro	Ser	Leu	Arg	Ser	Arg	Ile	Ser
	50					55					60				
Ile	Thr	Arg	Asp	Thr	Ser	Lys	Asn	Gln	Tyr	Ser	Met	Gln	Leu	Asn	Ser
65					70					75				80	
Val	Thr	Thr	Glu	Asp	Thr	Ala	Thr	Tyr	Tyr	Cys	Ala	Arg	Ser	Ser	Asp
				85				90						95	
Ala	Met	Asp	Tyr	Trp	Gly										
			100												